CHANNEL COUNT OPTICAL NETWORKS

Inventor(s): Charles X.W. Qian, et al.

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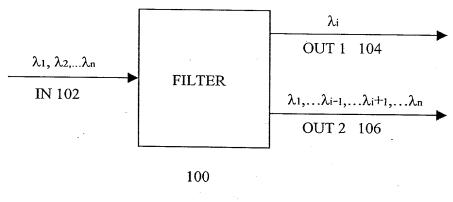


FIG. 1A (PRIOR ART)

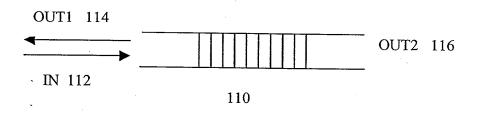


FIG. 1B (PRIOR ART)

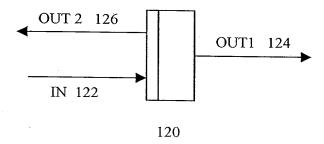


FIG. 1C (PRIOR ART)

Title: SPECTRUM DIVISION MULTIPLEXING FOR HIGH CHANNEL COUNT OPTICAL NETWORKS

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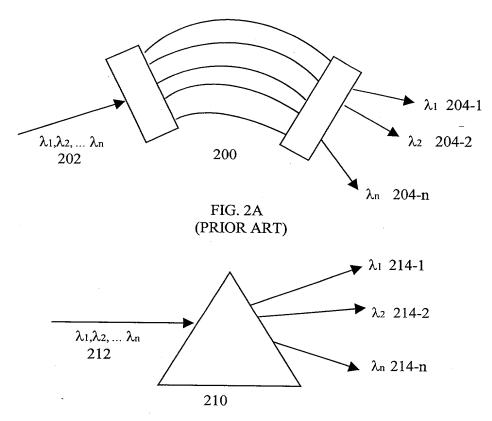


FIG. 2B (PRIOR ART)

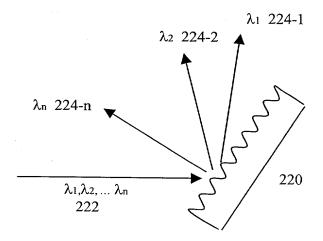


FIG. 2C (PRIOR ART)

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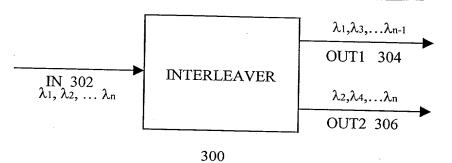
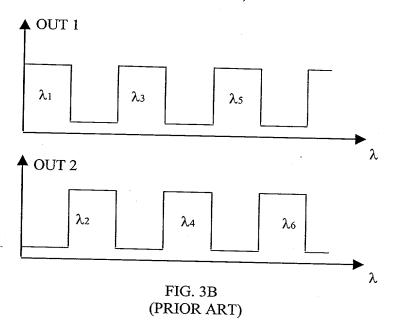
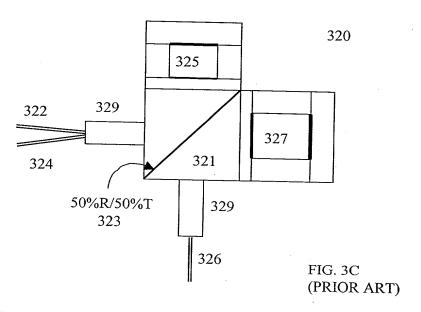


FIG. 3A (PRIOR ART)





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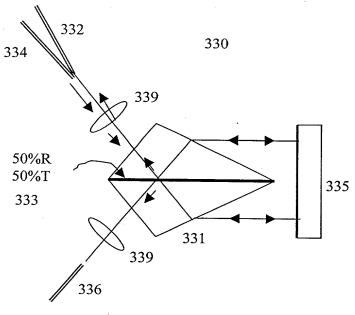
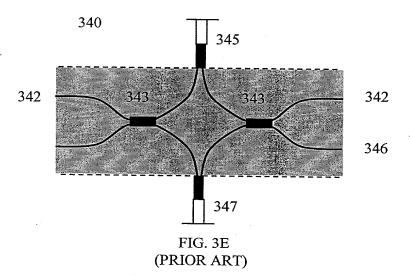


FIG. 3D (PRIOR ART)



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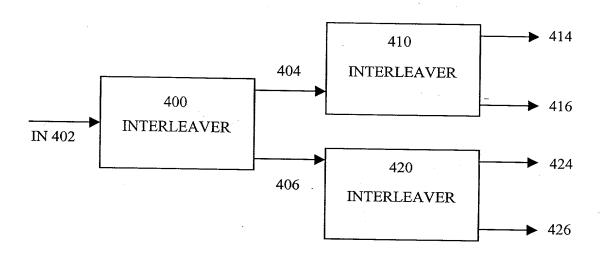


FIG. 4A (PRIOR ART)

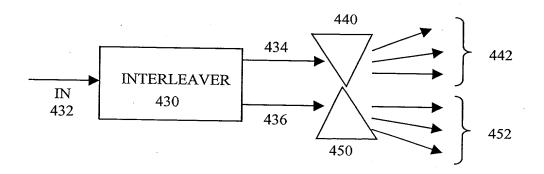


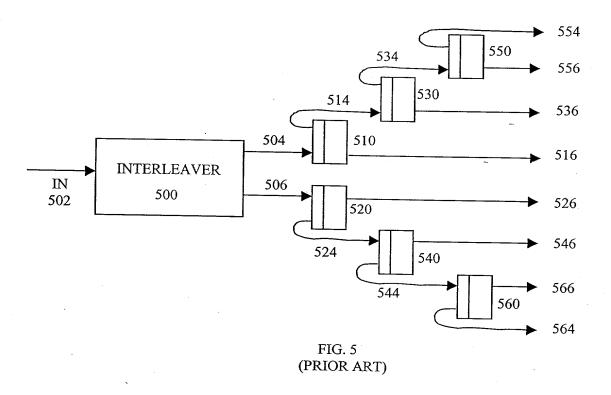
FIG. 4B (PRIOR ART)

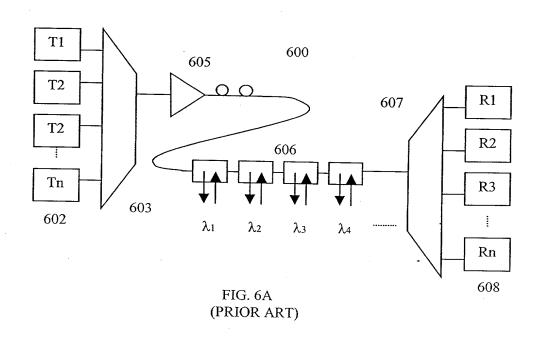
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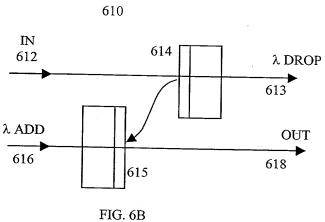
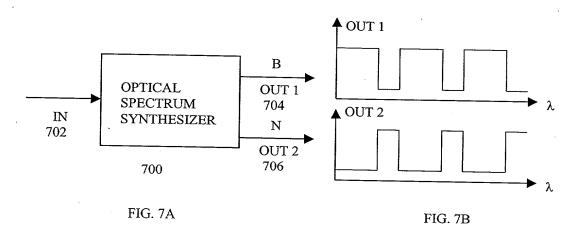


FIG. 6B (PRIOR ART)



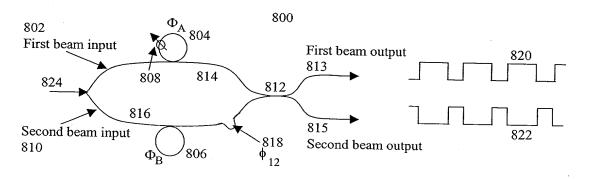


Fig. 8A

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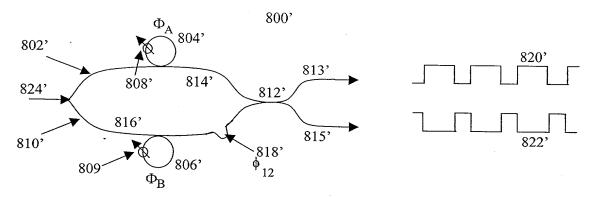


Fig. 8B

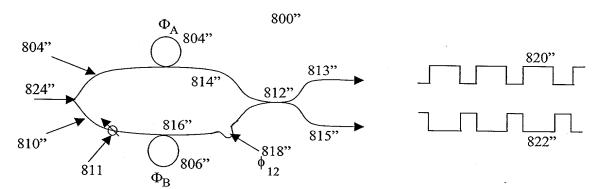


Fig. 8C

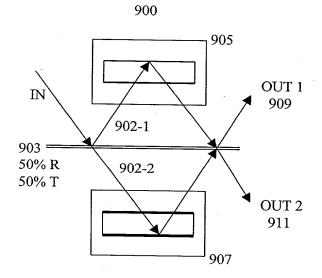


FIG. 9A

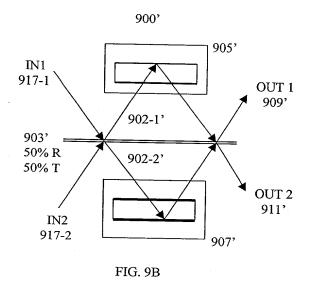
CHANNEL COUNT OPTICAL NETWORKS

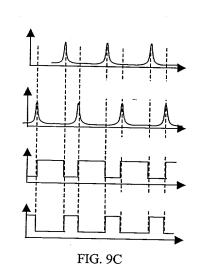
Inventor(s): Charles X.W. Qian, et al.

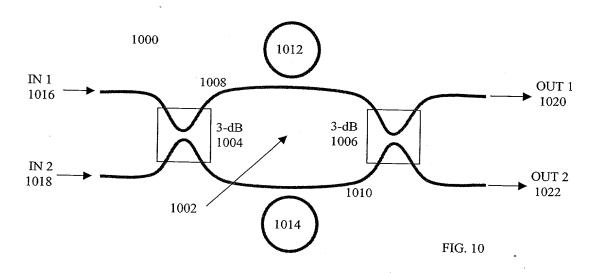
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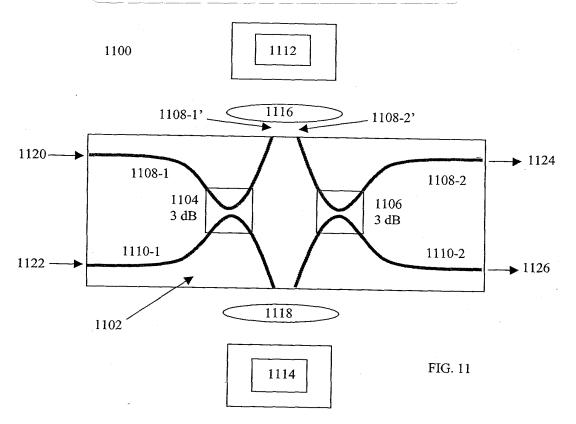


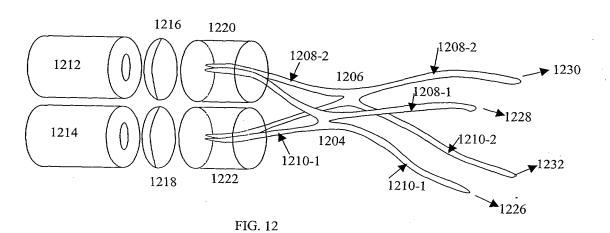
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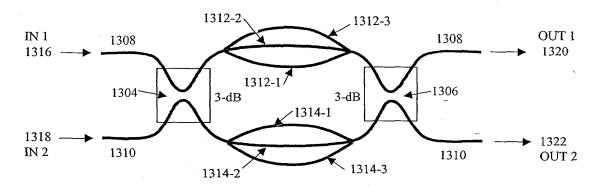


FIG. 13

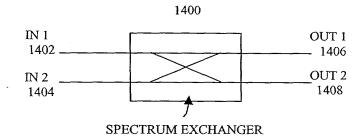
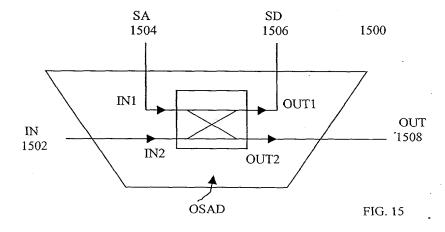


FIG. 14



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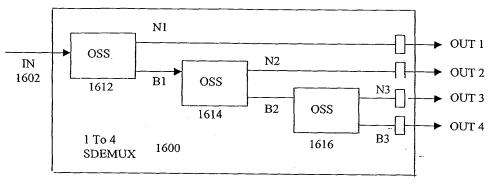


FIG. 16A

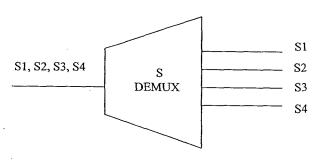


FIG. 16B

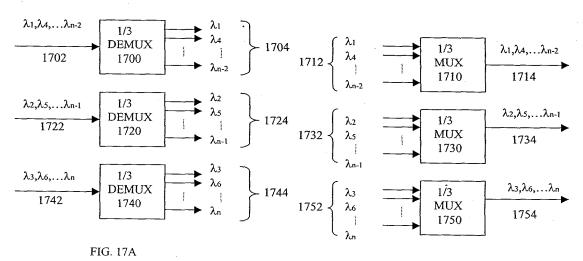


FIG. 17B

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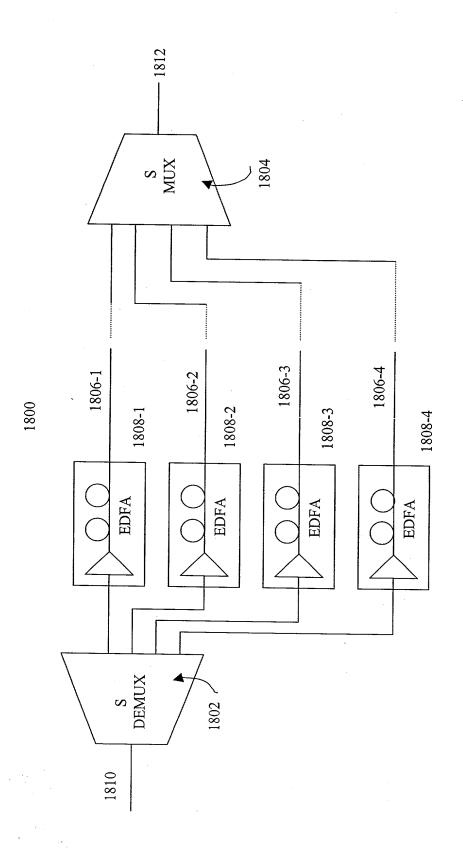


FIG. 18

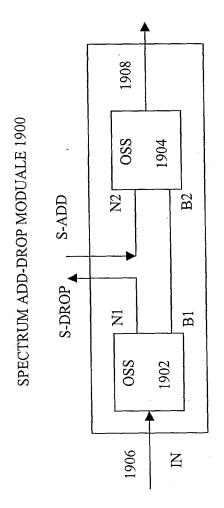
FIG. 19A

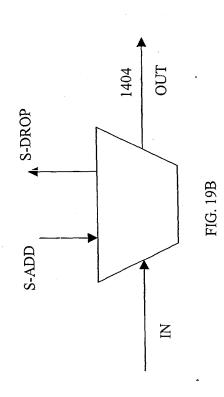
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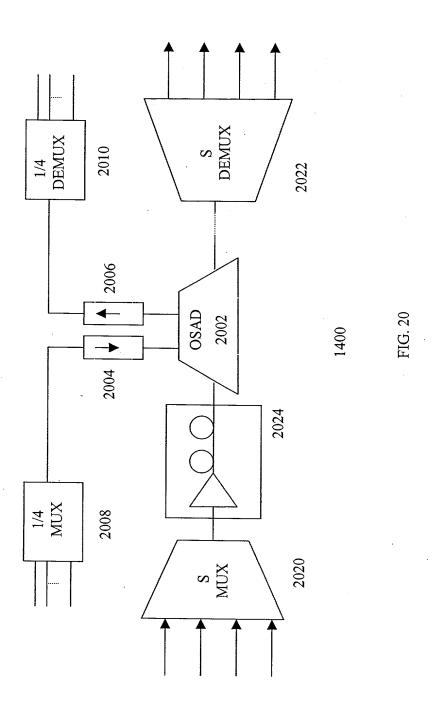




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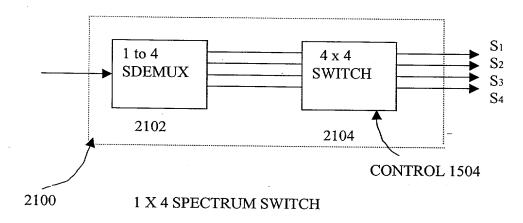


FIG. 21A

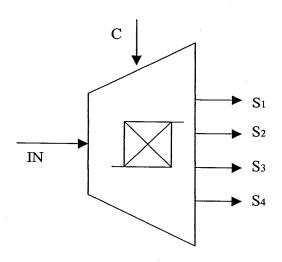


FIG. 21B

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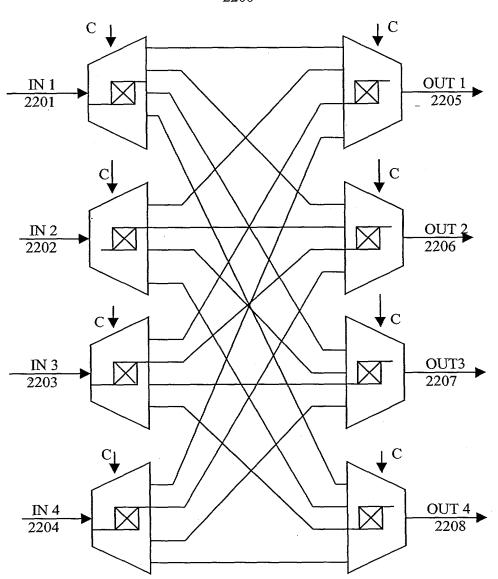
Inventor(s): Charles X.W. Qian, et al.

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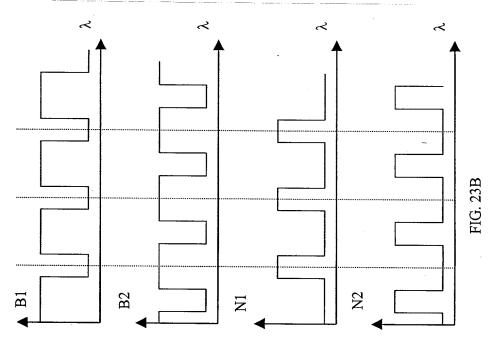
4x4x4 SPECTRUM CROSS-CONNECT

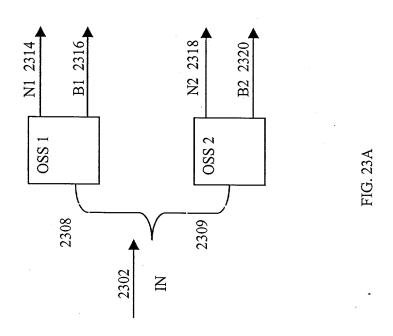
FIG. 22

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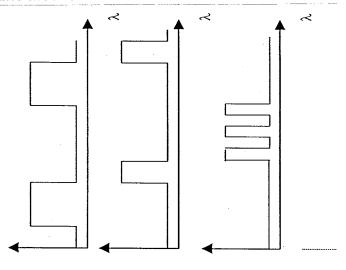


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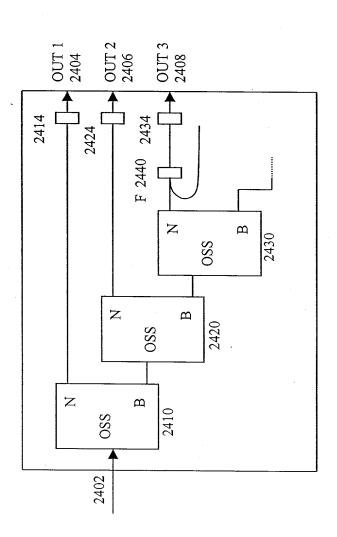


FIG. 24